

RAW SEQUENCE LISTING

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Application Serial Number: 10/088,750C
Source: 1FW16
Date Processed by STIC: 10/13/05

ENTERED



IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/088,750C

DATE: 10/13/2005

TIME: 11:26:58

Input Set : A:\3190-015-Revised Sequence Listing.txt
 Output Set: N:\CRF4\10132005\J088750C.raw

3 <110> APPLICANT: NAKASHIMA, Nobuhiko
 4 KANAMORI, Yasushi
 6 <120> TITLE OF INVENTION: A Novel Higher-Order Structure With Promoting Translation
 7 Activity
 9 <130> FILE REFERENCE: 3190-015
 11 <140> CURRENT APPLICATION NUMBER: US 10/088,750C
 12 <141> CURRENT FILING DATE: 2002-03-20
 14 <150> PRIOR APPLICATION NUMBER: JP P2001-016746
 15 <151> PRIOR FILING DATE: 2001-01-25
 17 <150> PRIOR APPLICATION NUMBER: PCT/JP01/00641
 18 <151> PRIOR FILING DATE: 2001-01-31
 20 <160> NUMBER OF SEQ ID NOS: 19
 22 <170> SOFTWARE: PatentIn version 3.2
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 188
 26 <212> TYPE: RNA
 27 <213> ORGANISM: Plautia Stali Intestine Virus
 29 <400> SEQUENCE: 1
 30 gacuauguga ucuuauaaaa auuagguaaa auuucgaggu uaaaaauagu uuuauauuug 60
 32 cuauagucuu agaggucuug uauauuuuaua cuuaccacac aagauggacc ggagcagccc 120
 34 uccaaauaucu aguguacccu cgugcucgcu caaacauuaa gugguguugu gcgaaaagaa 180
 36 ucucacuu 188
 39 <210> SEQ ID NO: 2
 40 <211> LENGTH: 187
 41 <212> TYPE: RNA
 42 <213> ORGANISM: Himetobi P Virus
 44 <400> SEQUENCE: 2
 45 gaaaaugugu gaucugauua gaaguaagaa aauuccuagu uauauauuu uuaauacugc 60
 47 uacauuuuuua agaccuuuag uuaauuuuagcu uuaccgcccc ggauggggug cagcguuccu 120
 49 gcaauaucca gggcaccuag gugcagccuu guaguuuuag uggacuuuag gcuaaagaau 180
 51 uucacua 187
 54 <210> SEQ ID NO: 3
 55 <211> LENGTH: 189
 56 <212> TYPE: RNA
 57 <213> ORGANISM: Drosophila C Virus
 59 <400> SEQUENCE: 3
 60 guuaagauu gaucuugcuu ccuuauacaa uuuugagagg uuaauaagaa ggaaguagug 60
 62 cuaucuuauu aauuagguaa acuauuuagu uuuacuguuc aggaugccua uuggcagccc 120
 64 cauaauaucc aggacacccu cucugcuucu uauaugauua gguugucuu uagaauaaga 180
 66 aaaaacccu 189
 69 <210> SEQ ID NO: 4
 70 <211> LENGTH: 188
 71 <212> TYPE: RNA

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72 <213> ORGANISM: Cricket Paralysis Virus
 74 <400> SEQUENCE: 4
 75 caaaaaaugug aaucuugcuug uaaaauacaaau uuugagaggua uaaaaaaauua caaguagugc 60
 77 uauuuuuugua uuuagguaug cuauuuuagcu uuacguucca ggaugccuag uggcagcccc 120
 79 acaauaucca ggaagcccuc ucugcgguuu uucagauuag guagucgaaa aaccuaagaa 180
 81 auuuaccu 188
 84 <210> SEQ ID NO: 5
 85 <211> LENGTH: 186
 86 <212> TYPE: RNA
 87 <213> ORGANISM: Triatoma Virus
 89 <400> SEQUENCE: 5
 90 uugacuaugu gaucuugcuu ucguuaauaaa aucuguacau aaaagucgaa aguauugcua 60
 92 uaguuaaggua ugcgcuugcc uauuuuaggca uacuucucag gauggcgcgu ugcaguccaa 120
 94 caagaauccag ggacuguaca gaauuuuuccu auaccucgag ucggguuugg aaucuaaggu 180
 96 ugacuc 186
 99 <210> SEQ ID NO: 6
 100 <211> LENGTH: 190
 101 <212> TYPE: RNA
 102 <213> ORGANISM: Black Queen-Cell Virus
 104 <400> SEQUENCE: 6
 105 ccaacaaugu gaucuugcuu gcggaggccaa aauuuggcaca guauaaaaauc ugcaaguagu 60
 107 gcuauuguug gaaucaccgu accuauuuuag guuuuacgcuc caagaucggu ggauagcagc 120
 109 ccauaucuu ucuaggagaa cugugcuaug uuuagaagau uagguagucu cuaaacagaa 180
 111 caauuuaccu 190
 114 <210> SEQ ID NO: 7
 115 <211> LENGTH: 175
 116 <212> TYPE: RNA
 117 <213> ORGANISM: Rhopalosiphum Padi Virus
 119 <400> SEQUENCE: 7
 120 aguguugugu gaucuugcgc gauaaauugcu gacgugaaaaa cguugcguau ugcuacaaca 60
 122 cuuggguuagc uauuuuagcuu uacuauucaa gacgccgcugc ugcagccac aaaagucuag 120
 124 auacgcucaca ggagagcaua cgcuaggucg cguugacuau ccuuaauauu gaccu 175
 126 <210> SEQ ID NO: 8
 127 <211> LENGTH: 29
 128 <212> TYPE: DNA
 129 <213> ORGANISM: Artificial
 131 <220> FEATURE:
 132 <223> OTHER INFORMATION: The sequence was synthesized for use as a forward primer.
 134 <400> SEQUENCE: 8
 135 ggttaaattt caggtaaaaaa attgctata 29
 138 <210> SEQ ID NO: 9
 139 <211> LENGTH: 35
 140 <212> TYPE: DNA
 141 <213> ORGANISM: Artificial
 143 <220> FEATURE:
 144 <223> OTHER INFORMATION: The sequence was synthesized for use as a reverse primer.
 146 <400> SEQUENCE: 9
 147 cctcggaaattt taaccagatc acatagtcg ctttc 35
 150 <210> SEQ ID NO: 10

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Input Set : A:\3190-015-Revised Sequence Listing.txt
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151 <211> LENGTH: 281
 152 <212> TYPE: RNA
 153 <213> ORGANISM: Unknown
 155 <220> FEATURE:
 156 <223> OTHER INFORMATION: The sequence is used only to illustrate secondary structures predicted by a computer program, MFOLD, as shown in Fig. 3.
 159 <400> SEQUENCE: 10
 160 cggugucgaa guagaauuuc uaucucgaca cgccggccuuc caagcaguua gggaaaccga 60
 162 cuucuuugaa gaagaaagcu gacuauguga ucuuauuaaa auuggauua auuucgaggu 120
 164 uaaauaaaagu uuuauauug cuauagucuu agaggucuug uauauuuuaa cuuaccacac 180
 166 aagauggacc ggagcagccc uccaaauaucu aguguacccu cgugcucgcu caaacauuaa 240
 168 gugguguugu gcgaaaagaa ucucacuuca agaaaaagaa u 281
 171 <210> SEQ ID NO: 11
 172 <211> LENGTH: 16
 173 <212> TYPE: RNA
 174 <213> ORGANISM: Unknown
 176 <220> FEATURE:
 177 <223> OTHER INFORMATION: The sequence is used only to illustrate aspects of higher order
 178 structures on protein synthesis in Fig. 8A.
 180 <400> SEQUENCE: 11
 181 aacauuaagu gguguu 16
 184 <210> SEQ ID NO: 12
 185 <211> LENGTH: 16
 186 <212> TYPE: RNA
 187 <213> ORGANISM: Unknown
 189 <220> FEATURE:
 190 <223> OTHER INFORMATION: The sequence is used only to illustrate aspects of higher order
 191 structures on protein synthesis in Fig. 8A.
 193 <400> SEQUENCE: 12
 194 aacauugggu gguguu 16
 197 <210> SEQ ID NO: 13
 198 <211> LENGTH: 200
 199 <212> TYPE: RNA
 200 <213> ORGANISM: Plautia Stali Intestine Virus
 202 <400> SEQUENCE: 13
 203 gacuauguga ucuuauuaaa auuagguaaa auuucgaggu uaaaaauagu uuuauauug 60
 205 cuauagucuu agaggucuug uauauuuuaa cuuaccacac aagauggacc ggagcagccc 120
 207 uccaaauaucu aguguacccu cgugcucgcu caaacauuaa gugguguugu gcgaaaagaa 180
 209 ucucacuuca agaaaaagaa 200
 212 <210> SEQ ID NO: 14
 213 <211> LENGTH: 199
 214 <212> TYPE: RNA
 215 <213> ORGANISM: Himetobi P Virus
 217 <400> SEQUENCE: 14
 218 gaaaaugugu gaucugauua gaaguaagaa aauuccuagu uauauauuu uuaauacugc 60
 220 uacauuuuuua agaccuuuag uuaauuuuagcu uuacgcggca ggauggggug cagcguuccu 120
 222 gcaauaucca gggcaccuag gugcagccuu guaguuuuag uggacuuuag gcuaaagaau 180
 224 uucacuagca aauaauuaau 199
 227 <210> SEQ ID NO: 15

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Input Set : A:\3190-015-Revised Sequence Listing.txt
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228 <211> LENGTH: 201
 229 <212> TYPE: RNA
 230 <213> ORGANISM: Drosophila C Virus
 232 <400> SEQUENCE: 15
 233 guuaagaugu gaucuugcuu ccuuauacaa uuuugagagg uuaauaagaa ggaaguagug 60
 235 cuaucuuauu aauuagguua acuauuuagu uuuacuguuc aggaugccua uuggcagccc 120
 237 cauaauuaucc aggacacccu cucugcuucu uauaugauua gguugucauu uagaauaaga 180
 239 aaauaaccug cuaacuuuca a 201
 242 <210> SEQ ID NO: 16
 243 <211> LENGTH: 200
 244 <212> TYPE: RNA
 245 <213> ORGANISM: Cricket Paralysis Virus
 247 <400> SEQUENCE: 16
 248 caaaaaaugug aucuugcuug uaaaauacaa uuugagaggu uaaauaaauua caaguagugc 60
 250 uauuuuugua uuuagguuag cuauuuagcu uuacguucca ggaugccuag uggcagcccc 120
 252 acaaauucca ggaagccuc ucugcgguuu uucagauuag guagucgaaa aaccuaagaa 180
 254 auuuaccugc uacauuucaa 200
 257 <210> SEQ ID NO: 17
 258 <211> LENGTH: 198
 259 <212> TYPE: RNA
 260 <213> ORGANISM: Triatoma Virus
 262 <400> SEQUENCE: 17
 263 uugacuauugu gaucuugcuu ucguauaaaa aucuguacau aaaagucgaa aguauugcua 60
 265 uaguuaaggu ugcgcuugcc uauuuaggca uacuucucag gauggcgcgu ugcaguccaa 120
 267 caagauccag ggacuguaca gaauuuuccu auaccucgag ucggguuugg aaucuaaggu 180
 269 ugacucgcug uaaaauau 198
 272 <210> SEQ ID NO: 18
 273 <211> LENGTH: 202
 274 <212> TYPE: RNA
 275 <213> ORGANISM: Black Queen-Cell Virus
 277 <400> SEQUENCE: 18
 278 ccaacaaugu gaucuugcuu gcggaggcaa aauuugcaca guauaaaauc ugcaaguagu 60
 280 gcuauuuguug gaaucacccgu accuauuuag guuuuacgcuc caagaucggu ggauagcagc 120
 282 ccuaucuuaua ucuaggagaa cugugcuau guuuagaagau uagguagucu cuaaacagaa 180
 284 caauuuuacccu gcugaacaaa uu 202
 287 <210> SEQ ID NO: 19
 288 <211> LENGTH: 187
 289 <212> TYPE: RNA
 290 <213> ORGANISM: Rhopalosiphum Padi Virus
 292 <400> SEQUENCE: 19
 293 aguguugugu gaucuugcgc gauaaaugcu gacgugaaaa cguugcguau ugcuacaaca 60
 295 cuuggguuagc uauuuagcuu uacuaaucaa gacgcgcugc ugcagccac aaaagucuag 120
 297 auacgucaca ggagagcaua cgcuaggucg cguugacuau ccuuauauau gaccugcaaa 180
 299 uauaaac 187

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 10/13/2005
PATENT APPLICATION: US/10/088,750C TIME: 11:26:59

Input Set : A:\3190-015-Revised Sequence Listing.txt
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:8,9

VERIFICATION SUMMARY

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Input Set : A:\3190-015-Revised Sequence Listing.txt

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